

New real-time monitor ensures better welds

Argonne has developed and patented the first on-line, low-cost, easy-to use welding monitor designed for makers of automotive parts, medical devices and military components — manufacturers who need to ensure the integrity of laser-beam welds that join steel parts.

A passive sensor and optics measure infrared emissions from the weld during processing. The monitor can tell a worker on the factory floor about the weld's penetration depth and surface quality. Bad welds are flagged and the monitor can automatically signal the system to change weld parameters or laser power levels.

The laser welding monitor can be used with steel, aluminum and magnesium. Its cost — about \$15,000 — is considerably less than the \$50,000 price tag of an existing monitoring system, which cannot measure penetration as parts are being welded. Because the monitor senses the integrity of the weld remotely, destructive weld evalua-

tion can be used less frequently. Its cost — about \$15,000 — is considerably less than the \$50,000 price tag of an existing monitoring system.

Every weld is critical in safety-related applications such as automotive airbag housings. The lack of competent weld monitoring has contributed to defect rates of several percent. With more than 10 million air bags produced each year, the Argonne-developed monitor could save millions of dollars in this business alone.

The laser welding research that led to the development of the weld monitor was conducted under cooperative research and development agreements (CRADAs) with Delphi Energy & Engine Systems and the Low Emissions Partnership, comprising Chrysler, Ford and General Motors. Research at Argonne was conducted by Keng Leong (TD).

CRADA partner Spawr Industries, Inc. integrated the monitor into the laser beam delivery system, and provides a commercial version.

Preliminary tests show that the device can also be used to monitor laser beam heat-treating for heavy machinery gears and components, laser beam cladding for repairing turbine components and arc welding for machinery and autos.

The Federal Laboratory Consortium for Technology Transfer (FLC) recently selected the new technology for an award. FLC Awards recognize federal laboratory employees who have done an outstanding job transferring technology developed in a laboratory to outside partners, primarily in the private sector.



Snow span

Photographer George Joch (IPD) took this photo of a snow-covered footbridge in Argonne-East's 600 area.

PFS, Joliet Junior College help women excel

Argonne's Plant Facilities and Services Division is helping expand career choices for women by providing volunteer help and organizing tours for the Technical Opportunities Program (TOP) at Joliet Junior College.

TOP is aimed at increasing the number of women employed in traditionally male occupations. The 15-week course introduces women to occupations like building and industrial maintenance, computer-aided design and architectural drafting, automotive service technology, automated systems, electronics technology and chemical process operations.

TOP requires a total of 140 hours of classroom and hands-on training. In addition to vocational training, sessions include a review of applied mathematics, basic computer training, fitness and weight training, stress management, workplace survival skills and support services.

Plant Facilities and Services recently hosted a discussion and tour by TOP participants, giving them an opportunity to talk with



TOP TALK — PFS Maintenance Foreman Glenn Kailus explains maintenance procedures and operations of the Advanced Photon Source utilities building to Technical Opportunities Program participants.

female PFS employees in non-traditional jobs. The women discussed work issues such as pay and benefits, acquiring new skills, balancing work and family and opportunities for employment. Ses-

sions were conducted by Debbie Dedo, Patty Gajewski, Lydia Hendrix and Cindy Putty (all PFS), who then escorted the TOP students on tours of PFS work areas
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Women to be recognized at ANL-W lunch

The recipients of the Idaho National Engineering and Environmental Laboratory Woman of the Year Award and the Federal Woman's Program Recognition Award will be announced at a luncheon to be held on Wednesday, March 18, at 11:30 a.m. in the Central Facilities Cafeteria Conference Room.

Argonne-West has submitted five nominees for the two awards.

A potato with beef Stroganoff topping, dessert and a drink costs \$5.50. A potato with a selection of toppings, dessert and a drink costs \$4.

Tickets must be purchased from Dolores Lagerquist (OTD-ERA), Shirlene Fryer (RPS), or Susan Mousseau (RPS) no later than Monday, March 16.

For more information, call Mousseau at ext. 3-7156

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Argonne-East

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Historic harmonies

The Thornton Township High School Chorale, under the direction of Mark Downey, performs in Argonne-East's Building 201 lobby on Feb. 24. DOE sponsored the performance in celebration of Black History Month. *Photo by George Joch*

PSI seminar will focus on career success

The Argonne Chapter of Professional Secretaries International will host "Managing Your Career for Success," a one-day seminar for office professionals, on Thursday, March 19.

The seminar will be repeated on Friday, March 20.

The seminar will be held from 8 a.m. to 4:30 p.m. on both days in Argonne-East's Advanced Photon Source Conference Center in Building 402.

Lillian Bjorseth, founder and president of Duoforce Enterprises, Inc., and author of two books, will speak on "Eleven Commandments for Success."

Jim Cisek, former educator and president of AudioEducation and Life Skills Training Associates, will speak on "Upgrading Your Brain-Frame: 21st Century Thinking Skills."

Cost of the seminar is \$85 and includes a continental breakfast and luncheon.

Registration deadline has been extended to Tuesday, March 10. ANL-88 forms (Request For Disbursement Or Reimbursement) must be submitted to accounting by 5 p.m. on that date.

For more information, call Diane Hawk (EMO) at ext. 2-3582.

Applications taken for executive MBA program

Applications are now being accepted for the 1998 University of Chicago Executive MBA Program.

Each year Argonne management selects two employees to participate in this high-caliber program offered through the university's Graduate School of Business. For an application, call Human Resources at ext. 2-3410. Deadline for returning completed

applications is Tuesday, March 24.

The program is designed for experienced middle- and upper-level managers, who are expected to retain full job responsibilities while attending this part-time course of advanced studies in management.

Classes are conducted on Fridays and Saturdays, averaging

four days per month, beginning in August 1998.

The program includes two weeks of intensive study in Barcelona, Spain and another two weeks in Chicago.

Participants complete their formal course work in less than a year and a half.

For more information, call John Hyzer (HR) at ext. 2-3503.

Lab's retirement vendors to visit Argonne-East

Two of Argonne's retirement plan vendors will visit the Illinois site to meet individually with employees to answer questions about retirement plans and retirement

plan assets.

Half-hour appointments can be made by phone.

■ Fidelity – Thursday, March 12 and Friday, March 13. Call (800)

642-7131.

■ Prudential – Wednesday, March 18, Thursday, March 19, and Friday, March 20. Call Cheryl at (847) 619-3519.

Ar'Gang

NEW ARRIVALS

A girl, Emily Frances Mary, born Sept. 19 to Becky and **Iain Tilbrook** (PHY); a boy, Dirk Edward, born Jan. 19 to Laura and **Chuck Van Groningen** (DIS); a girl, Marcella Grace, born Jan. 9 to Grace and **John Michalakes** (MCS); a girl, Lauren Ashley, born Jan. 19 to Steve and **Colleen Toblic** (PHY); a girl, Emily Kate Northland, born Feb. 15 to **Deborah** (MCS) and **Rick Stevens** (MCS); a girl, Talia Elizabeth, born Nov. 21 to Jorge and **Marge Franchini** (ES); a girl, Grace Elizabeth, born Jan. 6 to **Mary Fitzpatrick** (IPD); a girl, Kaylee, born Dec. 5 to **Hong Ding** (MSD); a boy, Daniel, born Dec. 16 to Xianghong and **Yong Yan** (MSD); a son, Lucas, born Jan. 29 to **Mark Sreniawski** (ESH-HP); a girl, Kelsey Anne, born Jan. 21 to first-time parents Liann and **Cliff Conner** (CMT); a girl, Claudia Annette, born Feb. 17 to first-time parents Tom and **Paula Moon** (ES); a girl, Alexandra Taylor, born Dec. 17 to Joan and **Tom Fanning** (RA); a boy,

Matthew, born Jan. 27 to Dave Lofredo and **Heidi Hartmann** (EAD); a boy, Jeremy Ryan, born Jan. 8 to Steve Clark and **Mandy Whorton** (EAD/Denver). Proud grandparents: a granddaughter, Kenzie, born Jan. 16 for **Helen** (HR) and **Hans Kaper** (MCS); a granddaughter, Lauren Ashley, born Jan. 19 for Ed and **Kathy Weeks** (ECT) and Steve and **Sandra Tobolic** (OCF).

ACHIEVEMENTS

Young-Soo Chang (EAD) became a U.S. citizen. **David Gartman** (EAD) passed the exam given by the College of Financial Planning and became a "Chartered Mutual Fund Counselor".

WEDDINGS/ENGAGEMENTS

Congratulations to **Mary Lou Bluth** (EEST) and Roger Baldwin on their engagement. Congratulations to **Bobby Mark** (EMO) and Traci Burtner on their engagement. Congratulations to **John Arnish** (EAD) and Charmagne Doherty on their engagement.

GET WELL WISHES

Wishes for a speedy recovery to **John Anderson** (ES) who is recov-

ering from surgery.

WELCOME

ES welcomes **Alicia Huntsinger**, **Bonnie Bowman** and **Mathew Schipma**. MSD welcomes **Guido Soyez**, **Charles Kurtz**, **Cassio Moura** and **Harold Schnyders**. RA welcomes **David Griesheimer**, **Ling Hou**, **Nick Merolle**, **Sowmini Nair** and **Nela Zavalijevski**. XFD welcomes **Viktor Ogurtsov**, **Fred Carter**, **Ron Sluiter** and **Frank Carrerra**.

CONDOLENCES

Condolences to **Stan Zellmer** (ES) on the death of his mother; **Ray Hinchman** (ES) on the death of his mother; **John Harkness** (ES) on the death of his father-in-law; **Karen Haugen** (IPD-TCS) on the death of her stepmother; **Keith Dunn** (EMO-WM) on the death of his grandmother; **Cindy Chaffee** on the death of her grandfather; and **Pam Dalman** (XFD) on the death of her husband **Bob Dalman** (OCF-PRO).

PROMOTIONS

Congratulations to Teresa Lang (OCF-PIM) on her promotion to Administrator of Property and In-

ventories Management.

TRANSITIONS

Good luck to **Dariusz Blachowicz** who transferred from ASD-Survey Group to ASD-Operations Analysis Group.

FAREWELL

Good luck to **Karen Zach** (IPD-MED), **Jeffrey Slater**, **Jackie Falbo** and **Jessica Gardner** (all DIS/ACAG), **Colleen Eakin** and **Tina Lamantia** (both DIS), **Ron Cornella** and **Ivan Sirakov** (both RA) and **Marilyn Wittkofski** (OPA) who have all left the laboratory.

CONTRIBUTORS

Thanks to this issue's contributors: **Judy Beumer** (MCS), **Barbara Burke** (ECT), **Linda Carlson** (XFD), **Loretta Cescato** (CMT), **Bonnie Gianpetro** (EMO), **Gloria Griparis** (IPD-TCS), **Diana Grygiel** (ESH), **Barb Hall** (ASD), **Eileen Johnson** (RA), **Sheila Jungman** (MSD), **JoAnn Parnell** (ES), **Marie Reed** (EEST), **Eleanor Robson** (EAD) **Jean Slater** (DIS) and **John Whennan** (IPD-MED).

PFS helps women find non-traditional careers

(Continued from page 1)

to see examples of work done by women — and men — in technical jobs.

Over the past two years, the TOP program has enabled 75 women to test their interest and proficiency for technical employ-

ment. Funded by the Illinois Board of Education, there is no charge to participants.

Scholarships are granted to those who complete the program. Inquiries about the program may be directed to Sandy Cyrkiel at Joliet Junior College at (815) 727-

6544, ext. 1482, or to TOP graduate Karen Kroczeck (PFS) at ext. 2-8764.

Other area businesses that have provided site tours and talks to TOP include Commonwealth Edison, Amoco, and Caterpillar.

Talk to focus on giving kids family values

Cassandra Ma, staff therapist and clinic coordinator at The Family Institute, will present "Helping Your Child Develop Good Social Judgment" on Tuesday, March 10, from 11:30 a.m. to 12:30 p.m. in Argonne-East's Building 200 Auditorium.

Ma will present ways to identify and convey a family's values to children as they are increasingly exposed to a broader range of people outside of the family.

All Argonne and DOE employees and adult family members are welcome.

Seminars in the Argonne Family Series are sponsored by Argonne's Employee Assistance and Preventive Health and Wellness programs.

Seminars

Send seminar listings to Evie Fagan, Building 201, Room 2U-09 (OPA-201). Deadline is 5 p.m. Monday. Seminar listings *only* can be sent by E-mail to evie_fagan@qmgate.anl.gov.

Monday, March 9

Joint Chemistry and Materials Science Divisions Seminar: **"Chemical Vapor Deposition of Diamond"** by Stephen J. Harris, Physics and Physical Chemistry Department, General Motors R&D Center, Warren, Mich. 1:30 p.m., Bldg. 200, Conference Room J193.

High Energy Physics Division Theoretical Physics Seminar: **"Supersymmetry, The Top Quark and the Higgs Mass"** by Carlos Wagner, CERN, Geneva, Switzerland, 2 p.m., Bldg. 362, Conference Room F108.

Physics Division Seminar: **"Direct Mass Measurements of Exotic Nuclei Close to the N=Z Line"** by Marielle Chartier, Michigan State University, East Lansing and Oak Ridge National Laboratory, Tenn. 3:30 p.m., Bldg. 203, Conference Room R150.

Tuesday, March 10

Materials Science Division Seminar: **"Epitaxial Exchange-Spring Magnets: How to Make a Better Refrigerator Magnet"** by Samuel Jiang, (MSD). 2 p.m., Bldg. 223, Conference Room S105.

Wednesday, March 11

Materials Science Division Special Colloquium: **"Isotopic Constitution of Semiconductors: Manifestations in Their Electronic and Vibrational Spectra"** by A.K. Ramdas, Physics Department, Purdue University, West Lafayette, Ind. 11 a.m., Bldg. 212, Conference Room A157.

High Energy Physics Division Seminar: **"Heavy Quark Production in QCD"** by Frederick Olness, Southern Methodist University, Dallas, Texas. 3:30 p.m., Bldg. 362, Conference Room F108.

Thursday, March 12

Physics Division Theoretical Physics Seminar: **"Isospin-Breaking in Chiral Perturbation Theory - Selected Applications"** by Carl Wolfe, York University, North York, Canada. 11 a.m., Bldg. 203, Conference Room B221.

Experimental Facilities Division Seminar: **"Shedding Light On Spinach: An Interpretation of the Dichroic Absorption of X-rays by a 2Fe-2S Ferredoxin"** by Stephen Lovesey, Rutherford-Appleton Laboratory, United Kingdom. 4 p.m., Bldg. 401, Conference Room A1100.

Friday, March 13

Physics Division Colloquium: **"Quantum Teleportation and the Nature of Information"** by Anton Zeilinger, Universität Innsbruck, Austria. 11 a.m., Bldg. 203 Auditorium.

Monday, March 16

Chemistry Division Monday Morning Seminar Series: **"Prospects for Manganese Oxides in Rechargeable Lithium Batteries"** by Mike Thackeray, (CMT). 11 a.m., Bldg. 200 Auditorium.

High Energy Physics Division Theoretical Physics Seminar: **"Effective Interactions of a Light Gravitino"** by Guo-Hong Wu, Purdue University, Lafayette, Ind. 2 p.m., Bldg. 362, Conference Room E188.

Additional seminars appear on the Argonne News World Wide Web site:
<http://www.anl.gov/news.html>

Retirees

Clarence L. Beck (OPS) retired Jan. 16 with 29 years of service.

Bennie L. Blair (PFS-US) retired Jan. 30 with 40 years of service.

Ira Bornstein (OTD) retired Jan. 15 with 30 years of service.

Anita Carr (DIS) retired Jan. 16 with 18 years of service.

John Curtin (PFS-BM) retired Jan. 30.

Stephen J. Decman (OCF-PIM) retired Dec. 12 with 29 years of service.

Ronald E. DiFelici (ED) retired Jan. 9 with 29 years of service.

Ronald Gustafson (ESH) retired Jan. 5 with 44 years of service.

Jackie Knepper (PFS) retired Jan. 23 with 37 years of service.

Roger Masson (ECT) retired Jan. 30 with 35 years of service.

Donald Mingesz (ITD) retired Dec. 31 with 37 years of service.

Donald M. Nelson (ESH) retired Jan. 5 with 33 years of service.

Richard Olson (EA) retired Jan. 9.

Thaddeus Sliwinski (PFS-CU) retired Jan. 5 with 29 years of service.

Josip Vresk (PFS-FPE) retired Jan. 5 with 22 years of service.

Charles L. Wiley (MSD) retired Jan. 9 with 23 years of service.

Arthur Zilberstein (OPS) retired Jan. 6 with 26 years of service.

Send your news tips and comments to:

info@anl.gov



Argonne News is published weekly for Argonne employees by the Office of Public Affairs. Send news items to Editor Dave Jacqué, Building 201, Room 2Q-02 (OPA-201). Voice: ext. 2-5582. Fax: ext. 2-5274. E-mail: info@anl.gov. Argonne-West correspondent: Dolores Lagerquist, Bldg. 752, ext. 3-7523. Deadline for all materials is 5 p.m. Monday. Argonne National Laboratory is operated by the University of Chicago for the U.S. Department of Energy. Vol. 51, No. 9.

Classified Ads

ARGONNE-WEST

BOXES — 60, Ryder moving boxes, medium & small, used once, must be sold as one unit. \$60. Dolores Lagerquist, (208) 529-5339 - after 5:45 p.m.

MISCELLANEOUS

MISCELLANEOUS — Avon '75 - '77 plates, set of 4. Best offer. NEC VCR, 4 head, older, works. \$30. Judi Mertz, (630) 964-3124.

REFRIGERATOR — Sears Cold Spot, side by side, copper, 19 cu. ft. \$100. Julie Gotchie, (630) 759-3319.

MARKET UMBRELLA — Green, like new. \$50. Fran Perri, (815) 439-1671.

SMOKER — Charcoal or wood chips, used twice. \$25. Dorothy Mosbarger, (630) 323-0678.

CAMERA — 35mm, Pentax K-1000 w/ 50mm F-2 lens, excellent condition. \$165 o.b.o. Wes Agresta. (630) 355-7725.

DRESS — Aqua, taffeta, floor length skirt, off shoulder, sweetheart neckline, puff sleeves, princess seams on bodice w/straight seamed waist, size 16 w/1" seams in bodice. \$40. Karen Toonen, (630) 910-1482.

RADAR DETECTOR — Uniden R-7, pocket size, in box w/ booklet, good condition, works off cigarette lighter port. \$25. Sherman Smith, (708) 343-0122.

HEADBOARDS — Teak wood, twin. New \$300 - Asking \$100/pair o.b.o. Hana Bizek, (630) 971-1137.

DRYWALL — 4' x 8' sheet or 4' x 12' sheet. \$10/each. Tony Rodriguez, (815) 886-0793.

MISCELLANEOUS — Queen size water bed, semi-flotation mattress, complete w/heater, headboard w/mirror & compartments, lights & lots of drawer space. \$75. Broyhill, dining room set, trestle table w/2 captains chairs, 2/regular chairs, distressed pine. \$200 o.b.o. Roberta Walker, (815) 485-9639.

MISCELLANEOUS — 19" color television, old but works, needs antenna but works great w/cable. \$10. Golf clubs, 7 irons, putter & bag. \$10. Stainless steel sink w/double bowls, 2 years old, excellent condition. \$40. Thomas Rabas, (630) 971-8834.

MISCELLANEOUS — Heathkit test equipment. Various signal generators, regulated L.V. and H.V. DC power supplies. \$100/each o.b.o. Connie Pittroff, (630) 323-6509.

ROLLERBLADES — Ladies, Bravoblade rollerblades, size 5, very good condition. \$40. Leslie Poch, (630) 852-9135.

NORDIC TRACK PRO — Excellent condition. \$200. Tom Zinneman, (815) 467-6423.

CAMERA BAG — For single lens reflex camera, excellent condition. \$30. Pat Brewington, (630) 527-2450.

NOBEL PRIZE – Good cond., no rust. \$100,000/best offer

A Nobel Prize medal and award certificate are up for sale. The asking price: \$100,000 minimum.

Chicago resident Jeffrey Schramek says the gold medal and blue-and-gold, hand-painted certificate are those presented to Sir James Chadwick of Liverpool

University, who won the 1935 Nobel Prize in physics for discovering the neutron. Schramek says he bought them from Chadwick's daughters at an auction in England.

For more information, call Schramek at (773) 539-5751.

KITCHEN SET — Kitchen set w/4 chairs, wood, dark walnut, one year old. New \$500 - asking \$200. Richard Pagel, (630) 960-9016.

JACKET — Purple letter jacket, leather sleeves w/wool body, gold stripes on collar & cuffs, letters not included, XL-XXL. \$10. Karen Toonen, (630) 910-1482.

BICYCLE — '97 GT/Dyno, freestyle bicycle, marble red, excellent condition. \$195 o.b.o. Barb Richardson, (630) 257-7991.

CHESS SET — Rawcliffe pewter w/diamond cuts, perfect condition, includes beautiful playing board. \$320. John Meyer, (815) 729-0877.

REFRIGERATOR — Portable, dorm-size w/freezer compartment, excellent condition. \$50. Ting-Shu Wu, (630) 985-2150.

CRIB — Jenny Lind crib, natural wood w/clear-coat finish, plus mattress. Will deliver to lab. \$50/both. Bruce Stockmeier, (847) 593-0063.

VAN SEATS — Center 2/3 bench & rear fold-down, beige, fits '98 Plymouth Voyager. \$150/each o.b.o. Bruce Stejskal, (815) 436-2773.

TRAILER — 28' Laton, sleeps six at beautiful RV resort, 1 hour west of Chicago, excellent site. \$6,500 or will trade for newer pop up. Sheila Jungman, (630) 434-9582.

AUTOMOBILES

1996 CHEVROLET — S-10, 6' fleetside, regular cab, 4.3l V6 AT w/overdrive, AC, tilt, cruise, gages, cassette, rear sliding window, bench seat, vinyl floor, 50K miles, original tires, maintained by a perfectionist. \$8,600. Loren Knoblich, (815) 942-2450.

1985 CAMARO — Z-28, fuel injected, 305 V8, AT, new tires, battery, runs great, must sell ASAP. \$2,400 o.b.o. Michael Doll, (630) 435-0520.

1985 HORSE/CAMPING TRAILER — Lazy 'N', deluxe self-contained trailer, gooseneck, 2/3 horse straight in, 17' living area, tack room, 34' over all, new awning, 3-way refrigerator/freezer, clean, stored inside. \$12,900. Marion L. Kopriva, (630) 325-0512.

1990 PONTIAC — Grand Am Le, quad 4, 16 valve, DOHC, 1 owner, 77.5K miles, good condition. \$2,790. Kevin Atto, (630) 416-7871.

1991 PONTIAC — Grand Prix STE, 4-door, 96K miles, all power, all the toys, CD, power sun roof, leather interior, loaded. \$7,000 o.b.o. Rafael Gomez, (630) 620-8730.

1987 TRAVEL TRAILER — Sunline, 22', front kitchen, rear bedroom, AC, microwave, awning, full carpet throughout. \$4,800. Dick Malecha, (630) 355-0614.

1988 DODGE — Grand Caravan, 3.0 L V6, AT, AC, PB, PS, AM/FM stereo, tilt wheel, cruise control, rear window defogger, 74K original miles, garage kept, no rust. \$5,500 o.b.o. Mike Janik, (708) 636-5305.

HOUSING

LOT/SALE — Lake of the Ozarks. \$17,500. Todd Trotter, (630) 261-9750.

TIMESHARE/SALE — Austria. \$6,500 & exchangeable. Todd Trotter, (630) 261-9750.

HOUSE/SALE — Lockport, 3 bedrooms, 1 bath, ranch, 1.5-car detached garage, fully fenced yard. \$99,900. Lynn Labno, (815) 834-1781.

HOUSE/SALE — Brand new, 2 story, 4 bedrooms, 2.5 baths, LR, DR, FR w/fireplace, hardwood floors, full basement, 12 x 20 deck, 2.5-car garage, landscaped, 5 minutes from lab. \$229,000. Kathy Vanoskey, (815) 730-9337.

HOUSE/SALE — Darien, split-level, 3 bedrooms, 2 baths, 2-car garage, shed, patio, fireplace in large family room, hardwood floors in living room & bedrooms, 5 minutes for the lab., quiet neighborhood, excellent school district, owner moving across the street into a bigger house. \$174,900. Halil Avci, (630) 963-4260.

HOUSE/SALE — 3 bedrooms, split level, 1.5 baths, DR, FR, large laundry/ hobby of office space on walk out lower level, patio & deck, detached & heated 2.5 car garage, wooded half-acre on quiet street, 10 minutes from lab. \$167,000. Dawn Ferrazzi, (815) 838-4323.

DUPLEX/SALE — 3 bedrooms, 1.5 baths, CA, 2+ garage, all kitchen appliances, master bedroom & kitchen overlooks professionally landscaped yard w/ lake, 204 school district, minutes from major shopping center, train & expressway, Aurora/Naperville area, 20 minutes from lab. \$112,500 o.b.o. Debbie Rausch, (630) 978-0908.

ROOM/RENT — Sleeping room, linens furnished, 1.5 miles from ANL, private entrance, non-smoker, gentleman preferred. Grace Snyder, (708) 985-8511.

WANTED

PORTABLE PLAY PEN OR CRIB — Julie Hanebuth, (630) 833-7208.

INTERPRETERS — Looking for interpreters/translators from English to any native language, must be fluent in both languages. E. Huberman, (708) 352-4389.

TRUCK COVER — To fit '90, full size Ford super cab, dully. Marion Kopriva, (630) 325-0512.

CLIPPERS — Electric animal clippers, for clipping a dog. Blakey Ryan, (708) 403-8278.

TELEVISION — Used, color TV w/caption, reasonably priced. Xingyue Li, (630) 493-1107.

LOST

EARRING — 1 golf leaf, pierced earring, sentimental value. Nahed Guirguis, (630) 887-9526.

Classified ad request forms are available in stockrooms, at the Office of Public Affairs in Building 201, and at Argonne-West's Building 752, Room D109. The old half-sheet forms are acceptable, but note that the deadline is incorrect. Deadline for classified ads is **5 p.m. Monday**.

Please note: All classified ads appear on Argonne's World Wide Web site and can be seen by the public.

Requests can be submitted by fax to ext. 2-5274, or by inter-office mail to Evie Fagan, Building 201, Room 2U-09 (OPA-201). A drop-off box is located at the *Argonne News* office, Building 201, room 2Q-02 and at 2U-09.

Request forms must be signed and must include a home phone number. Ads cannot be accepted by phone or electronic mail. Please limit ads to 25 words; longer ads may be edited. Housing listed for sale or rent is available without regard to race, creed, color or national origin.

Argonne-West employees are welcome to submit classified ads to *Argonne News*. Request forms are available at the office of Argonne-West Correspondent Dolores Lagerquist, Building 752, Room D109. When completed, fax the request form to the *Argonne News* office at (630) 252-5274.

The classified ad request form is available on the World Wide Web at
<http://www.anl.gov/OPA/local/news/adform.html>